



Recombinant Human Erythropoietin- α (EPO- α)

CATALOG #:	4763-10	10 μ g
	4763-50	50 μ g
	4763-1mg	1 mg
LOT #:	_____	
SOURCE:	Chinese Hamster Ovary Cells (CHO)	
PURITY:	\geq 98% as determined by SDS-PAGE and HPLC	
ENDOTOXIN:	Less than 0.1 ng/ μ g (IEU/ μ g) of rhEPO	
PHYSICAL APPEARANCE:	Lyophilized powder	
FORMULATION:	Each mg of lyophilized protein contains 0.58 mg sodium citrate, 0.58 mg sodium chloride and 0.008 mg citric acid.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1 to 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best stored desiccated below 0°C. Reconstituted human EPO should be stored at working aliquots at -20°C. Avoid freeze-thaw cycles.

DESCRIPTION:

Recombinant Human Erythropoietin-alpha produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology is a single, polypeptide chain containing 165 amino acids and having a predicted molecular mass of 21 kDa and apparent glycosylated molecular mass of 30.4 kDa. EPO-alpha is purified by proprietary chromatographic techniques.

ACTIVITY:

BioVision's Erythropoietin is fully biologically active when compared to standard. The Specific Activity measured by Normocyth-aemic mice was found to be 120,000 IU/mg.

FOR RESEARCH USE ONLY! Not to be used on humans.

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 - Additional Apoptosis Kits & Reagents
- Cell Fractionation System
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 - Nuclear/Cytosol Fractionation Kit
 - Membrane Protein Extraction Kit
 - Cytosol/Particulate Rapid Separation Kit
 - Mammalian Cell Extraction Kit
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 - Bioluminescence Cytotoxicity Assay Kit
 - Live/Dead Cell Staining Kit
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 - HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
 - HAT Colorimetric Assay Kit & Reagents
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 - Glutathione Fluorometric & Colorimetric Assay Kits
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 - Akt & JNK Activity Assay Kits
 - Beta-Secretase Activity Assay Kit
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